

clear of art

10/537,307 Yong Chu 07-26-2006

\$%^STN;HighlightOn=;HighlightOff=;

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INPADOC
NEWS 11 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
and display fields
NEWS 12 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 13 JUL 11 CHEMSAFE reloaded and enhanced
NEWS 14 JUL 14 FSTA enhanced with Japanese patents
NEWS 15 JUL 19 Coverage of Research Disclosure reinstated in DWPI

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

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FILE 'HOME' ENTERED AT 08:31:35 ON 26 JUL 2006

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                                ENTRY          SESSION
FULL ESTIMATED COST          0.21           0.21
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FILE 'REGISTRY' ENTERED AT 08:31:53 ON 26 JUL 2006
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STRUCTURE FILE UPDATES: 25 JUL 2006 HIGHEST RN 895581-37-0
 DICTIONARY FILE UPDATES: 25 JUL 2006 HIGHEST RN 895581-37-0

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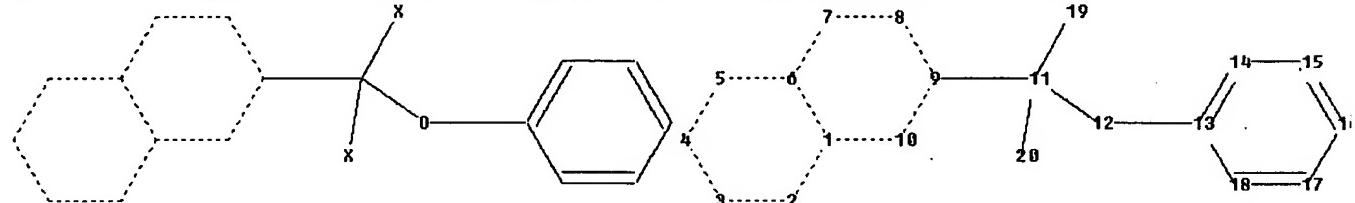
TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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<http://www.cas.org/ONLINE/UG/regprops.html>

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chain nodes :

11 12 19 20

ring nodes :

1 2 3 4 5 6 7 8 9 10 13 14 15 16 17 18

chain bonds :

9-11 11-12 11-19 11-20 12-13

ring bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 8-9 9-10 13-14 13-18 14-15 15-16
 16-17 17-18

exact/norm bonds :

1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-7 7-8 8-9 9-10 11-12 12-13

exact bonds :

9-11 11-19 11-20

normalized bonds :

13-14 13-18 14-15 15-16 16-17 17-18

Match level.:

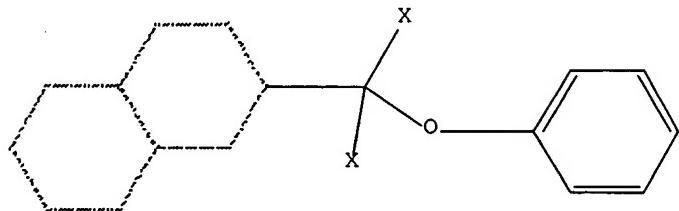
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11:CLASS 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
20:CLASS

L1 STRUCTURE UPLOADED

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L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 08:32:20 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 202 TO ITERATE

100.0% PROCESSED 202 ITERATIONS
SEARCH TIME: 00.00.02

2 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 3188 TO 4892
PROJECTED ANSWERS: 2 TO 124

L2 2 SEA SSS SAM L1

=> s 11 full
FULL SEARCH INITIATED 08:32:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4240 TO ITERATE

100.0% PROCESSED 4240 ITERATIONS
SEARCH TIME: 00.00.01

13 ANSWERS

L3 13 SEA SSS FUL L1

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COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
166.94	167.15

FILE 'CAPLUS' ENTERED AT 08:32:39 ON 26 JUL 2006
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 26 Jul 2006 VOL 145 ISS 5
FILE LAST UPDATED: 25 Jul 2006 (20060725/ED)

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L4 5 L3

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L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:1321908 CAPLUS Full-text
DOCUMENT NUMBER: 145:93430
TITLE: Cholestane-based liquid crystals containing a difluorooxymethylene bridge
AUTHOR(S): Kirsch, Peer; Mergner, Thomas
CORPORATE SOURCE: Merck Ltd. Japan, Atsugi Technical Center, Aiko-gun, Kanagawa, 243-0303, Japan
SOURCE: Journal of Fluorine Chemistry (2006), 127(1), 146-149
CODEN: JFLCAR; ISSN: 0022-1139

PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English

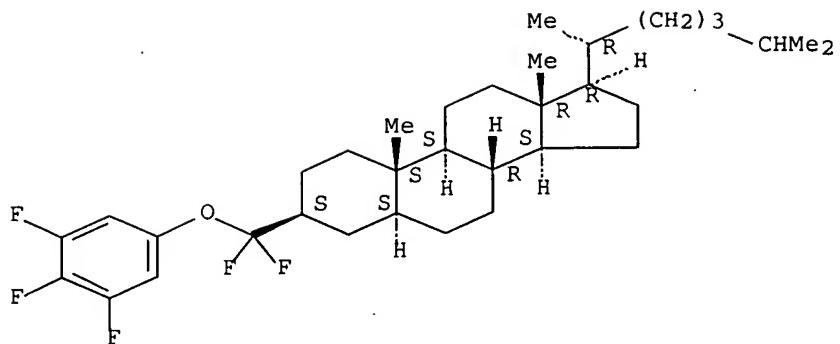
AB A new class of steroid-based liq. crystals was synthesized and characterized with regard to their mesogenic and chiroptical properties. The beta-selective formation of the cholestanyl difluoromethyl ether bridge was achieved by an oxidative fluorodesulfuration procedure.

IT 861898-31-9P
RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)
(0; prepn. and mesogenic and chiroptical properties of)

RN 861898-31-9 CAPLUS

CN Cholestane, 3-[difluoro(3,4,5-trifluorophenoxy)methyl]-, (3_{beta},5_{alpha}.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 861898-32-0P 861898-33-1P 861898-35-3P

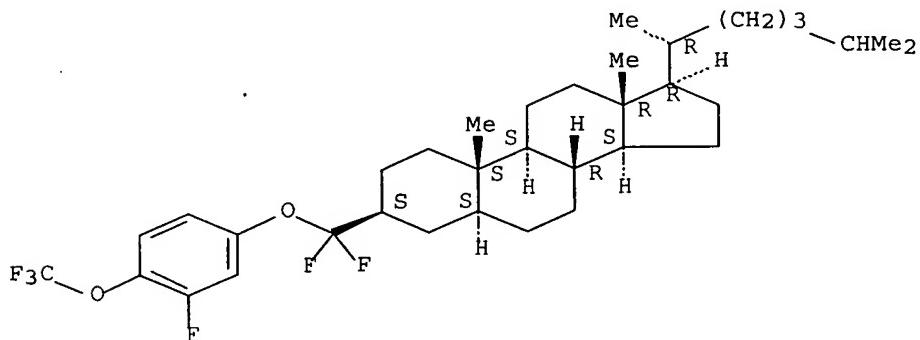
RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)

(prep. and mesogenic and chiroptical properties of)

RN 861898-32-0 CAPLUS

CN Cholestane, 3-[difluoro[3-fluoro-4-(trifluoromethoxy)phenoxy]methyl]-, (3 beta.,5 alpha.)- (9CI) (CA INDEX NAME)

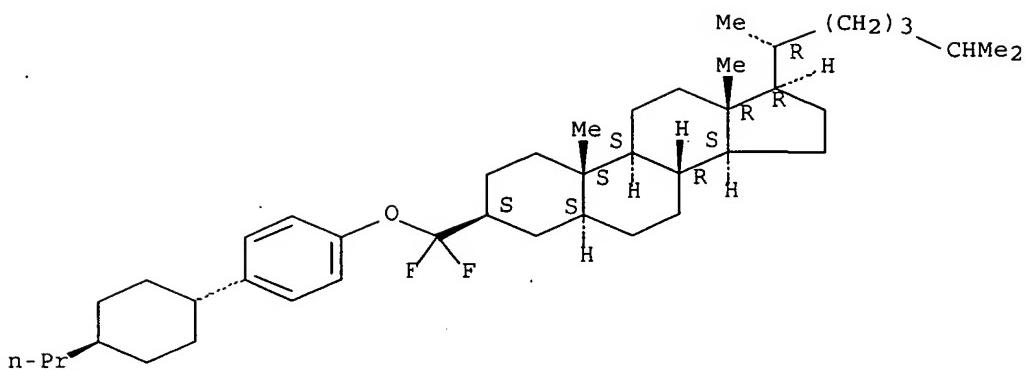
Absolute stereochemistry.



RN 861898-33-1 CAPLUS

CN Cholestane, 3-[difluoro[4-(trans-4-propylcyclohexyl)phenoxy]methyl]-, (3 beta.,5 alpha.)- (9CI) (CA INDEX NAME)

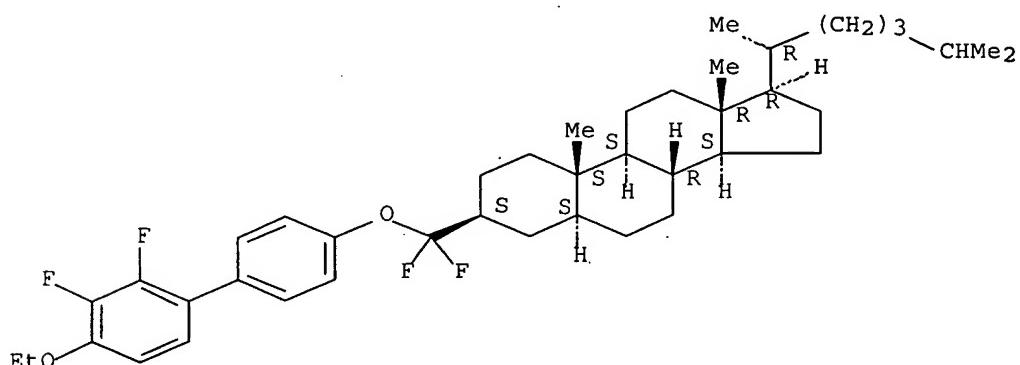
Absolute stereochemistry.



RN 861898-35-3 CAPLUS

CN Cholestane, 3-[[[4'-ethoxy-2',3'-difluoro[1,1'-biphenyl]-4-yl)oxy]difluoromethyl]-, (3.beta.,5.alpha.)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT:

10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:715543 CAPLUS Full-text

DOCUMENT NUMBER: 143:203011

TITLE: Liquid crystalline cholestanyl derivatives suitable as liquid crystal mixture components for liquid crystal display

INVENTOR(S): Kirsch, Peer; Mergner, Thomas; Heckmeier, Michael; Luessem, Georg

PATENT ASSIGNEE(S): Merck Patent G.m.b.H.; Germany

SOURCE: Brit. UK Pat. Appl., 71 pp.

CODEN: BAXXDU

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.

KIND DATE

APPLICATION NO.

DATE

GB 2410745
DE 102005001420
PRIORITY APPLN. INFO.:
GI

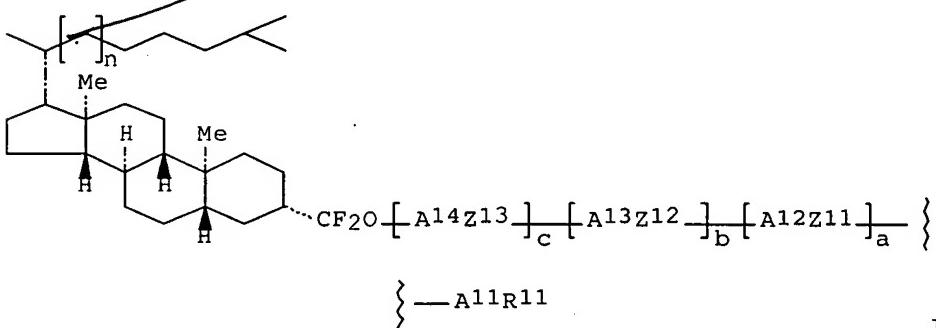
A1 20050810
A1 20050825

GB 2004 28556
DE 2005-102005001420
DE 2004-102004005838A

20041231

20050112

20040206



I

AB The invention relates to cholestanyl derivs. of formula I ($n = 0, 1; a, b, c = 0, 1; R11 = H, -B(OH)2, -B(ORx)(ORY), \text{halo, CN, SF5, NCS, C1-15-alkyl; Rx, Ry} = \text{C1-8-alkanyl, alkenyl; A11-14} = \text{trans-1,4-cyclhexylene, 1,4-phenylene, etc.; Z11-13} = \text{CH2O, OCH2, COO, OCO, etc.). These compds. may be useful in liq. cryst. media and electro-optical display elements. 4 Mixt. examples are given.$

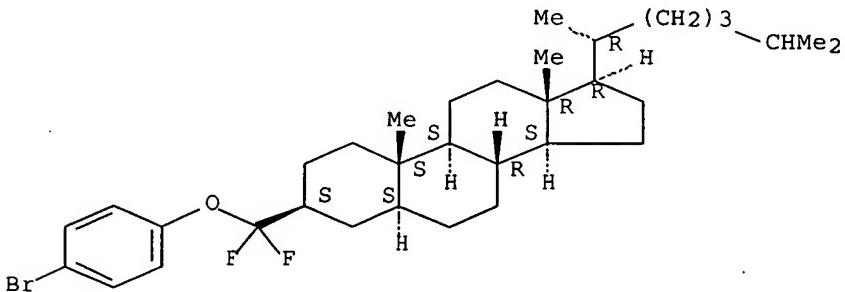
IT 861898-34-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(cholestanyl deriv. prepn.; liq. cryst. cholestanyl derivs. suitable as liq. crystal mixt. components for liq. crystal display)

RN 861898-34-2 CAPLUS

CN Cholestan, 3-[(4-bromophenoxy)difluoromethyl]-, (3.beta.,5.alpha.)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



IT 861898-31-9P 861898-32-0P 861898-33-1P
861898-35-3P

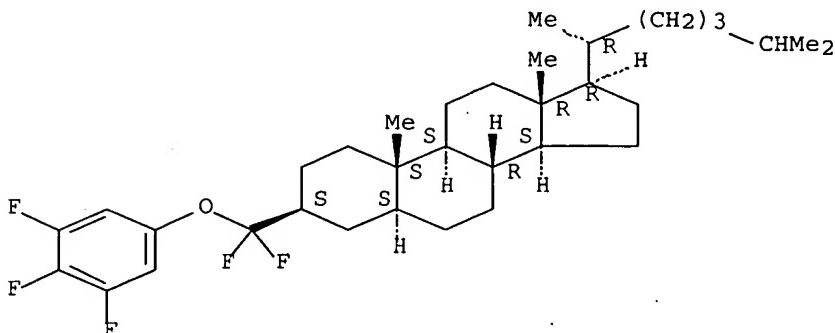
RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(cholestanyl deriv. prepn.; liq. cryst. cholestanyl derivs. suitable as
liq. crystal mixt. components for liq. crystal display)

RN 861898-31-9 CAPLUS

CN Cholestane, 3-[difluoro(3,4,5-trifluorophenoxy)methyl]-,
(3.beta.,5.alpha.)- (9CI) (CA INDEX NAME)

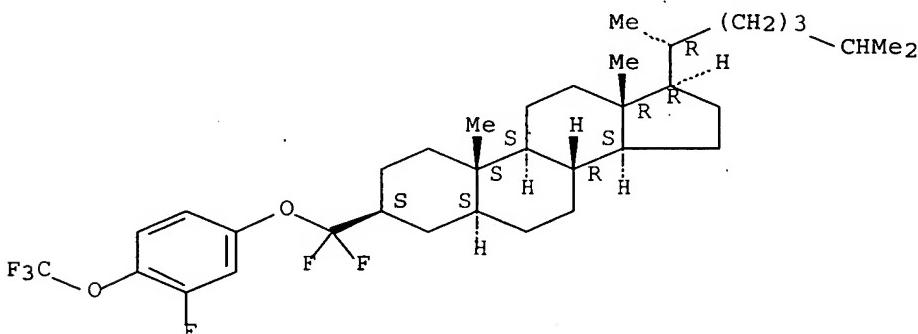
Absolute stereochemistry.



RN 861898-32-0 CAPLUS

CN Cholestane, 3-[difluoro[3-fluoro-4-(trifluoromethoxy)phenoxy]methyl]-,
(3.beta.,5.alpha.)- (9CI) (CA INDEX NAME)

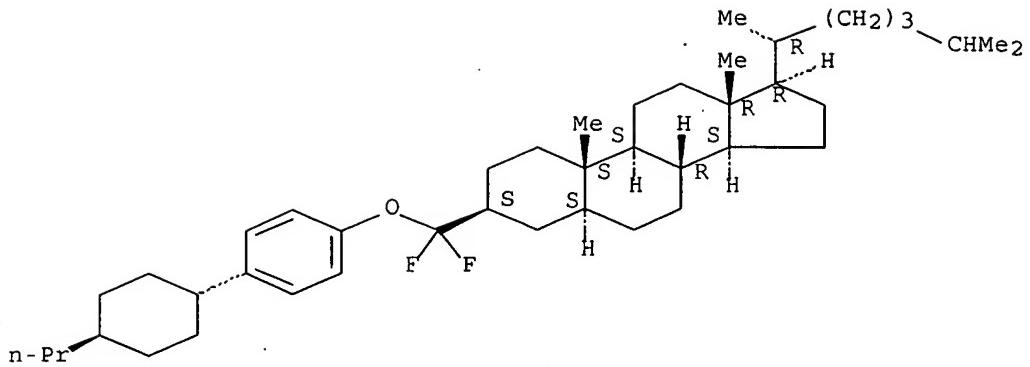
Absolute stereochemistry.



RN 861898-33-1 CAPLUS

CN Cholestane, 3-[difluoro[4-(trans-4-propylcyclohexyl)phenoxy]methyl]-,
(3.beta.,5.alpha.)- (9CI) (CA INDEX NAME)

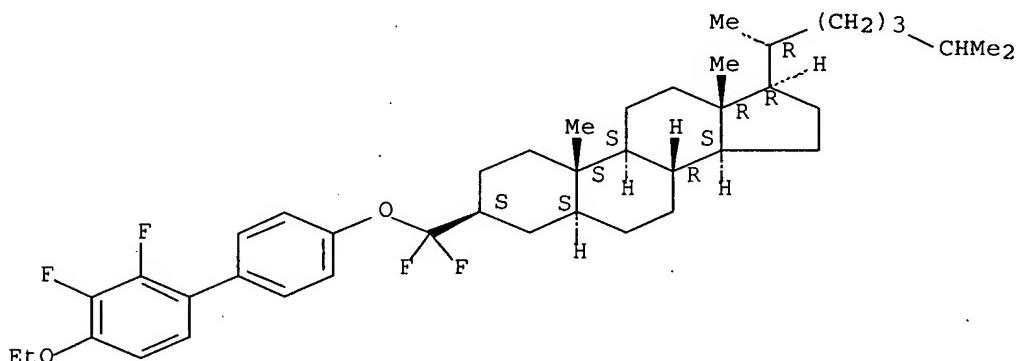
Absolute stereochemistry.



RN 861898-35-3 CAPLUS

CN Cholestane, 3-[(4'-ethoxy-2',3'-difluoro[1,1'-biphenyl]-4-yl)oxy]difluoromethyl-, (3. β .,5. α .)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



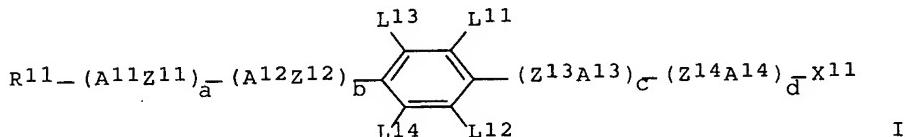
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:182778 CAPLUS Full-text
DOCUMENT NUMBER: 142:287912
TITLE: Mesogenic compounds, medium for electro-optical displays and electro-optical display
INVENTOR(S): Kirsch, Peer; Montenegro, Elvira; Farrand, Louise Diane; Pauluth, Detlef; Heckmeier, Michael
PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany
SOURCE: PCT Int. Appl., 134 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

WO 2005019378 A1 20050303 WO 2004-EP8942 20040810
 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG
 EP 1658351 A1 20060524 EP 2004-763959 20040810
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
 PRIORITY APPLN. INFO.: EP 2003-18707 A 20030825
 WO 2004-EP8942 W 20040810

OTHER SOURCE(S): MARPAT 142:287912

GI



AB The instant invention relates to liq. crystal media comprising a strongly dielec. pos. component A, comprising one or more compds. of formula I (a, b, c, d = 0, 1, 2; R¹¹ = H, C₁-15-alkyl, alkoxy; L¹¹⁻¹⁴ = H, C₁-15-alkyl, alkoxy; X¹¹ = H, halo, CN, NCS, SF₅, SR_z, SO₂R_z, C₁-15-alkyl, alkoxy; R_z = C₁-7-alkyl; A¹¹⁻¹⁴ = specified ring; Z¹¹⁻¹⁴ = single bond, CH₂CH₂, CH₂CH₂CH₂CH₂, CF₂CF₂, CF₂CH₂, CH₂CF₂, CH:CH, CF:CF, CF:CH, CH:CF, C.tplbond.C, CH₂O, OCH₂, CF₂O, OCF₂, COO, OCO). It also relates to the compds. as such and to mesogenic or liq. cryst. mixts. comprising these compds.

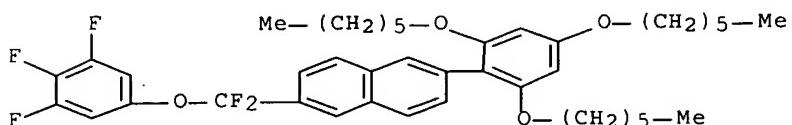
IT 847197-98-2P 847197-99-3P 847198-26-9P

847198-29-2P 847198-30-5P

RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (synthesis of mesogenic compds. for liq. crystal mixt. suitable for electro-optical displays)

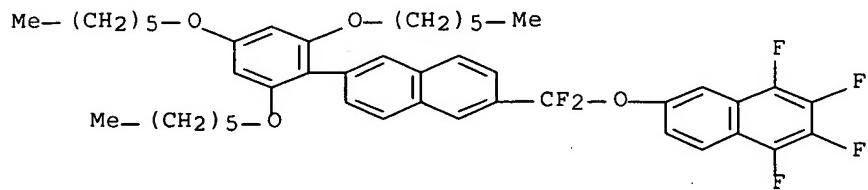
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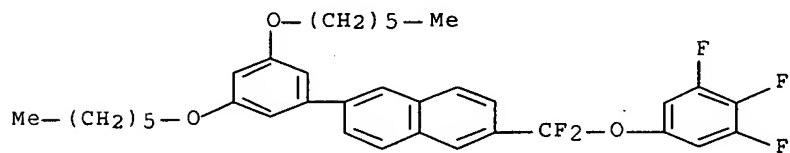
RN 847197-99-3 CAPLUS

CN Naphthalene, 6-[difluoro[6-[2,4,6-tris(hexyloxy)phenyl]-2-naphthalenyl]methoxy]-1,2,3,4-tetrafluoro- (9CI) (CA INDEX NAME)



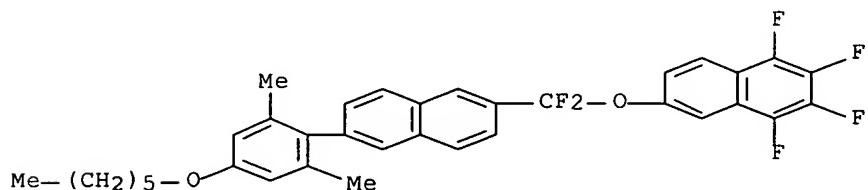
RN 847198-26-9 CAPLUS

CN Naphthalene, 2-[3,5-bis(hexyloxy)phenyl]-6-[difluoro(3,4,5-trifluorophenoxy)methyl]-(9CI) (CA INDEX NAME)



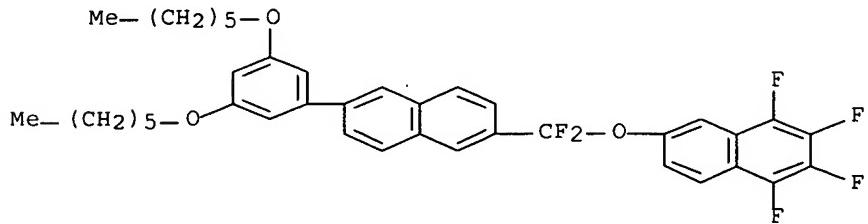
RN 847198-29-2 CAPLUS

CN Naphthalene, 6-[difluoro[6-[4-(hexyloxy)-2,6-dimethylphenyl]-2-naphthalenyl]methoxy]-1,2,3,4-tetrafluoro- (9CI) (CA INDEX NAME)



RN 847198-30-5 CAPLUS

CN Naphthalene, 6-[[6-[3,5-bis(hexyloxy)phenyl]-2-naphthalenyl]difluoromethoxy]-1,2,3,4-tetrafluoro- (9CI) (CA INDEX NAME)



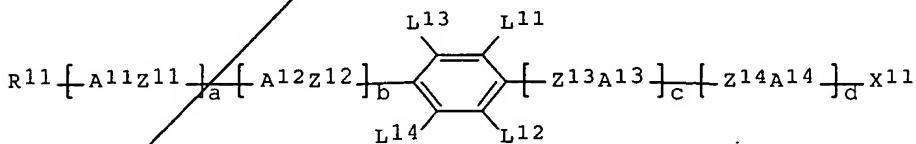
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:182777 CAPLUS Full-text
 DOCUMENT NUMBER: 142:287911
 TITLE: Compounds for use in liquid crystal media
 INVENTOR(S): Kirsch, Peer; Montenegro, Elvira; Farrand, Louise Diane; Pauluth, Detlef; Heckmeier, Michael
 PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany
 SOURCE: PCT Int. Appl., 181 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005019377	A1	20050303	WO 2004-EP8439	20040728
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RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1658350	A1	20060524	EP 2004-763558	20040728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
PRIORITY APPLN. INFO.:			EP 2003-18708	A 20030825
			WO 2004-EP8439	W 20040728

OTHER SOURCE(S): MARPAT 142:287911
 GI

*Not file in this
country*



I

AB The present invention is related to compds. of general formula I (a, b, c, d = 0, 1, 2; R11 = H, C1-15-alkyl, alkoxy; L11-14 = H, halo, CN, C1-15-alkyl, alkoxy; X11 = H, halo, CN, NCS, SF5, SRz, SO2Rz, C1-15-alkyl, alkoxy; Rz = C1-7-alkyl; A11-14 = specified ring; Z11-14 = single bond, CH2CH2, CH2CH2CH2CH2, CF2CF2, CF2CH2, CH2CF2, CH:CH, CF:CF, CF:CH, CH:CF, C.tplbond.C, CH2O, OCH2, CF2O, OCF2, COO, OCO) for use in liq. crystal media, liq. crystal media

comprising said compds., the use of said media in electro-optical devices, said electro-optical devices, and the use of said compds. in mesogenic media for use in electro-optical devices that may be operated in an optically isotropic state.

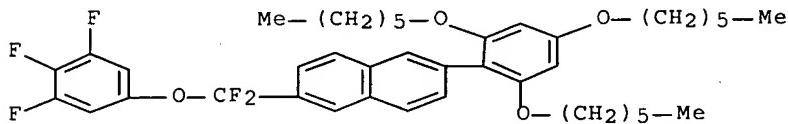
IT 847197-98-2P 847197-99-3P 847198-26-9P

847198-29-2P 847198-30-5P

RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(synthesis of mesogenic compds. for use in liq. crystal media)

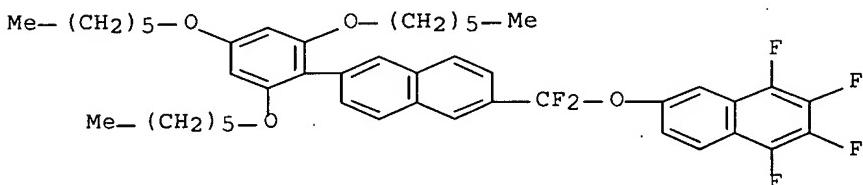
RN 847197-98-2 CAPLUS

CN Naphthalene, 2-[difluoro(3,4,5-trifluorophenoxy)methyl]-6-[2,4,6-tris(hexyloxy)phenyl]- (9CI) (CA INDEX NAME)



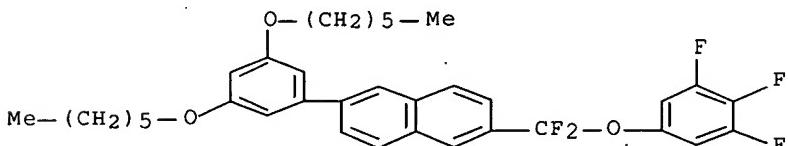
RN 847197-99-3 CAPLUS

CN Naphthalene, 6-[difluoro[6-[2,4,6-tris(hexyloxy)phenyl]-2-naphthalenyl]methoxy]-1,2,3,4-tetrafluoro- (9CI) (CA INDEX NAME)



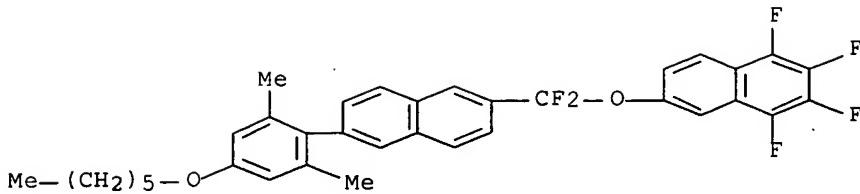
RN 847198-26-9 CAPLUS

CN Naphthalene, 2-[3,5-bis(hexyloxy)phenyl]-6-[difluoro(3,4,5-trifluorophenoxy)methyl]- (9CI) (CA INDEX NAME)



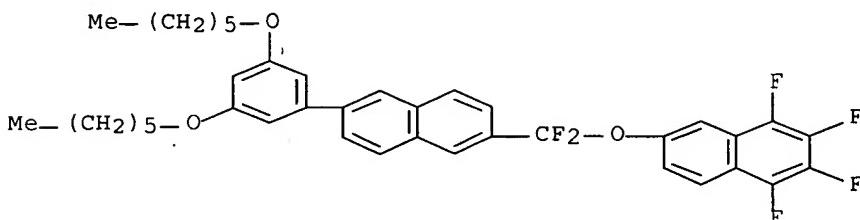
RN 847198-29-2 CAPLUS

CN Naphthalene, 6-[difluoro[6-[4-(hexyloxy)-2,6-dimethylphenyl]-2-naphthalenyl]methoxy]-1,2,3,4-tetrafluoro- (9CI) (CA INDEX NAME)



RN 847198-30-5 CAPLUS

CN Naphthalene, 6-[6-[3,5-bis(hexyloxy)phenyl]-2-naphthalenyl]difluoromethoxy-1,2,3,4-tetrafluoro- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:490806 CAPLUS Full-text

DOCUMENT NUMBER: 141:54075

TITLE: Method for producing naphthalene derivatives

INVENTOR(S): Poetsch, Eike; Binder, Werner; Kirsch, Peer;
Taegerbeck, Andreas

PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany

SOURCE: PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

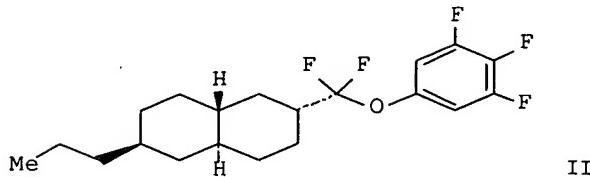
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004050594	A1	20040617	WO 2003-EP12039	20031030
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003278156	A1	20040623	AU 2003-278156	20031030
EP 1581469	A1	20051005	EP 2003-769471	20031030

Current app.

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

CN 1732142	A 20060208	CN 2003-80107951	20031030
DE 10351434	A1 20040624	DE 2003-10351434	20031104
US 2006025615	A1 20060202	US 2005-537307	20050602
PRIORITY APPLN. INFO.:		DE 2002-10256362	A 20021203
		WO 2003-EP12039	W 20031030

OTHER SOURCE(S): CASREACT 141:54075; MARPAT 141:54075
GI



AB The invention relates to a method for producing a compd. R-(A1-Z-)mB-CF2O-A2-(A3)n-R' [I; R = alkyl, in which one or more CH₂ groups can be substituted, independently of one another, by O, CF₂, CH = CH, CH = CF, CF = CF, with the exclusion of peroxide structures O-O and formaldehyde acetals O-CH₂-O; A1 = 1,4-cyclohexylene, 2,5- and 1,3-dioxanylene, 1,3-cyclobutylene, spiro[3.3]heptane-2,6-diyl; A2, A3 = 1,4-phenylene, in which independently of one another one to four hydrogen atoms can be substituted by fluorine or one or two CH groups can be substituted by N; Z = a single bond, CH₂CH₂, CF₂CF₂, CH:CH, CF:CF, CH:CF or CF:CH; B = 2,6-disubstituted naphthalene, 2,6-disubstituted 5,6,7,8-tetrahydronaphthalene, 2,6-disubstituted trans-decalin; R' = R, F, OCF₃, OCF₂H, CF₃, Cl, SF₅, CN, NCS, and m, n = 0, 1]. The method comprises the following steps: (a) conversion of a compd. R-(A1-Z-)mBX, [X = halogen, :O], into a carboxylic acid deriv. with the expulsion of group X and introduction of a C1 structural element; (b) reaction of the carboxylic acid deriv. with a phenol, HO-A2(-A3)n-R', to form I. Thus, naphthalene deriv. II was prep'd. from 2-bromo-6-propyldecalin via, Grignard carboxylation, cyclocondensation with HS(CH₂)₃SH to give the dithiane onium salt, addn. of 3,4,5-trifluorophenol and fluorination with Et₃N.cntdot.3HF.

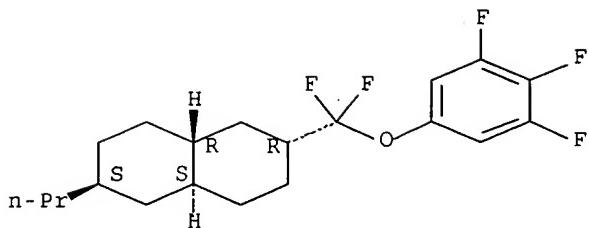
IT 705261-96-7P 705261-98-9P 705262-00-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
(method for producing naphthalene derivs.)

RN 705261-96-7 CAPLUS

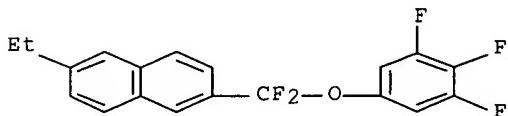
CN Naphthalene, 2-[difluoro(3,4,5-trifluorophenoxy)methyl]decahydro-6-propyl-, (2R,4aS,6S,8aR)-rel- (9CI) (CA INDEX NAME)

Relative stereochemistry.



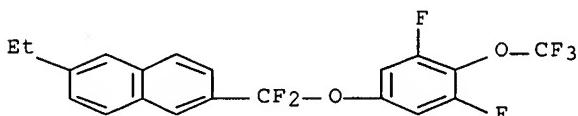
RN 705261-98-9 CAPLUS

CN Naphthalene, 2-[difluoro(3,4,5-trifluorophenoxy)methyl]-6-ethyl- (9CI)
(CA INDEX NAME)



RN 705262-00-6 CAPLUS

CN Naphthalene, 2-[3,5-difluoro-4-(trifluoromethoxy)phenoxy]difluoromethyl-6-ethyl- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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Executing the logoff script...

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY

26.01

SESSION

193.16

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

CA SUBSCRIBER PRICE

ENTRY	SESSION
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STN INTERNATIONAL LOGOFF AT 08:33:28 ON 26 JUL 2006